

The Standard

WAIRCRAFT LOG

ASA-SA-1

Aircraft Record General Information			result terret breakfall
Manufacturer Cessing	E YB,	Nodel 192 H	EL Problem
Serial /7253005	F	Registration Number	18-5451R
Date of Manufacture	rantalis.		and the second s
Engine(s) currently installed: Manufacturer Onfinental	Model	03000	Serial 33038-D-5-D
Manufacturer	Model		Serial
Propeller(s) currently installed: Manufacturer Mc Cauley	N. Control of the con	Nodel EM 765	3 Ser 51016
HUB Model	Serial		Serial
Blade Model	Serial	Serial	Serial
Blade Model	Serial	Serial	Serial
	Secretary and the second		
			The second secon

07/15/2020 CESSNA 172F SERIAL NUMBER 17253005

N5451R Aircraft Logbook insert

SERIAL NUMBER 33038-D-5-D 1C172/EM7653

SERIAL NUMBER S1016

SINCE MAJOR OVERHAUL: 176.9

AIRCRAFT TOTAL TIME: 4406.2 TACHOMETER: 810.8 HOBBS: 785.3

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. Aircraft is approved for returned to Service.

Performed FAR 91.207 d. Unit is airworthy at this time. Next Compliance due 07/2021. ELT Batteries. Due Nov 2020. Replaced induction air filter Bracket BA-6108. Aircraft operational checks within manufacturers' parameters.

ENGINE TOTAL TIME: 4406.2

T.CM 0-300-D

McCAULEY

*See AD compliance listing for current status.

S/N: 17253005 TACH: 822.5 HOBBS: 803.3 DECEMBER 8, 2020 CESSNA 172F N5451R

REMOVED ALL AVIONICS AND OEM AVIONICS RACK FROM INSTRUMENT PANEL. FABRICATED NEW AVIONICS RACK FROM OWNER PROCURED. ALUMINUM SHEET: 0.090" 6061 T6. THE NEW RACK DIMENSIONALLY THE SAME AS OLD. REFERENCE AC43.13-28, CHAPTER 2, PARA. 200; 201 a. thru 1. PARA, 203 a., b. and e. REFERENCE AC43-18 CHG. 2, APPENDIX 1, PG 1 (AND 2): THIS PART DETERMINED TO BE CATEGORY 3; REDUNDANT FAIL-SAFE DUE

4. THIS UNIT IS FAA-APPROVED UNDER TSO C50¢ FOR AUDIO AMPLIFIERS, TSO C35d FOR MARKER BEACON RECEIVERS. AND MEETS APPROPRIATE

TO TWO VERTICAL AND PARALLEL LEGS CONNECTED BY INDIVIDUAL MOUNT TRAYS. 2 REMOVED EXISTING KING KMA-24 AUDIO CONTROL PANEL AS INSTALLED PER FAA FORM 337 DATED 22 NOV 04. REFERENCE LINE TITLED: Installed: ... King KMA 24; and Item 16: stipulates revisions to Instructions for Continued Airworthiness. 3.INSTALLED PS ENGINEERING PMA7000M-S AUDIO CONTROL PANEL, P/N: 7000MS. INSTALLATION PER INTENT OF PS ENGINEERING DOCUMENT P/N: 200-070-0012, REV. 12, DATED SEPTEMBER 2000. REFER TO PARA. 2.4.2, PAGE 2-3, FOR REPLACEMENT OF "Existing KMA-24 installation".

ENVIRONMENTAL QUALIFICATIONS OUTLINED IN RTCA DO-160C AS APPROPRIATE FOR THIS AIRCRAFT. 5. INSTALLED AUDIO CONTROL PANEL IN INSTRUMENT PANEL: STATION +15.0, BL 0.0 USING EXISTING AIRFRAME MOUNT RACK ASSEMBLY AND STANDARD HARDWARE, PERFORMED OPERATIONAL CHECKOUT PER INTENT OF PARA, 2.11.1, PAGE 2-11. PERFORMED FINAL INSPECTION PER INTENT OF PARA, 2.15, PAGE 2-12.

6. CIRCUIT PROTECTION PROVIDED BY A 3 AMP CIRCUIT BREAKER, BREAKER IS LABELED: AUDIO PANEL

7. ELECTRICAL LOAD ANALYSIS: CONSIDERED NEGLIGIBLE DUE TO REMOVAL OF EXISTING KMA-24 AUDIO PANEL INSTRUCTIONS FOR CONTINUED AIRWORTHINESS: REFER TO PS ENGINEERING DOCUMENT P/N: 200-070-0012, REV. 12, DATED SEPTEMBER 2000;

APPENDIX E, SECTION 9.2.

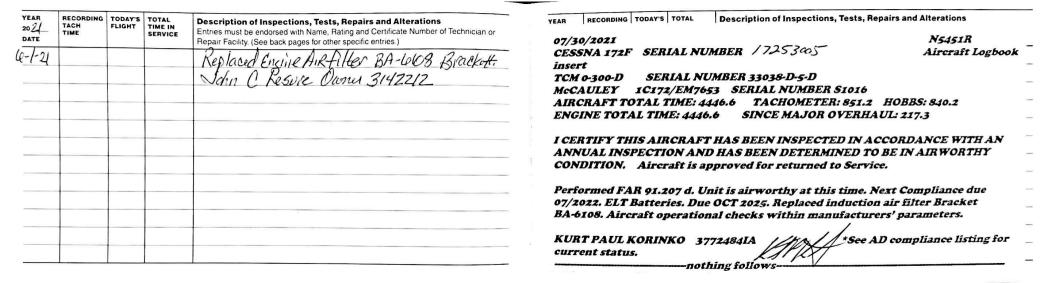
8. WIRE SCHEMATIC PER INTENT OF PS ENGINEERING PMA 7000M-S SERIES APPENDIX C.

9. SEE FAA FORM 337 WITH FIELD APPROVAL DATED DECEMBER 8, 2020.

WORK PERFORMED BY:

NS451R CESSNA 172F S/N: 17253005 TACH: 822 INSTALLED THE FOLLOWING AVIONICS AT STATION +15.0 BL 0.0. INTO AVIONICS RACIS SWITCH: 1. GARMIN GPS 175 INSTALLED PER INTENT OF STC #SA02636SE. CONFIGURATION INSTALLATION MANUAL: 190-02207-A1, REV. 4, DATED A07/24/2019. UNIT LABELED AS BREAKER LABLED AS #1 GPS. INSTALLED PLACARD IN CLEAR VIEW OF PILOT: IFE. INSTA MANUAL #IM 006-00140-0004, REV. 4, DATED AUG/2002. INSTALLED GA35/WAAS AN DATED 7/25/14. ANTENNA INSTALLED ON PREVIOUSLY INSTALLED MOUNT AT STA TO ANTENNA.SEE FAA FORM 337 DATED DECEMBER 9, 2020. 2. REINSTALLED EXISTING GARMIN 250XL GPS PER INTENT OF GARMIN INSTALLATION UNIT LABELED AS COM 1/GPS 2. UNIT PROTECTED BY 10 AMP CIRCUIT BREAKER LA VIEW OF PILOT: GPS FOR DAY/VFR ONLY. RELOCATED EXISTING GPS ANTENNA TO ST. UNIT TO ANTENNA. 3. REINSTALLED ONE EXISTING NARCO MARK 12D COM/NAV. UNIT PROTECTED BY 1/8 4. REINSTALLED ONE EXISTING NARCO ATSOA TSO TRANSPONDER. UNIT PROTECTED BY 1/8 5. INSTALLED EXISTING NARCO ATSOA TSO TRANSPONDER. UNIT PROTECTED BY 1/8 5. INSTALLATIONS. 5. ALL UNITS WIRED PER PS ENGINEERING PMA 7000 BOTTOM CONNECTOR WIRING, WORK PERFORMED BY: JOHN C. LESURE OWNER	AMP BREAKER. BREAKER LABELED AS TOX CIRCUIT BREAKER ACRES HORS. PARA. 207 f. (2) FOR CIRCUIT BREAKER	N5451R CESSNA 172F S/N: 17253005 TACH: 822.5 HOBBS: 803.3 DECEMBER 10, 2020 1 REMOVED EXISTING AMERI-KING ELT MODEL: AK-450 S/N: 469680 FROM AFT AVIONICS SHELF LOCATED AT STA. +125 0 RBL 5 0. 2. REMOVED EXISTING ELT WHIP ANTENNA P/N: 110-324 FROM MOUNT AT STA. +130 0 LBL 3 0. 3. INSTALLED ACK ELT MODEL: E-04 S/N: PER INTENT OF ACK MODEL E-04 ELT INSTALLATION AND OPERATION MANUAL P/N: 3. INSTALLED ACK ELT MODEL: E-04 S/N: PER INTENT OF ACK MODEL E-04 ELT INSTALLATION AND OPERATION MANUAL P/N: E-04M, REV. 1.9, DATED 03/24/2017, AS FOLLOWS: - SECTION 2: NEW ELT S/N: 032747 INSTALLED ON EXISTING MOUNTING PROVISIONS LOCATED AT +130 0 RBL 5.0 - SECTION 3: NEW ANTENNA P/N: E-04.8 INSTALLED ON EXISTING ANTENNA MOUNTING PROVISIONS LOCATED AT STA. +130 0 - SECTION 3: NEW ANTENNA P/N: E-04.8 INSTALLED ON EXISTING ANTENNA MOUNTING PROVISIONS LOCATED AT STA. +130 0 - SECTION 4: REMOTE CONTROL P/N: E-04.5 INSTALLED IN INSTRUMENT PANEL STA. +15.0 BL 0.0. INSTALLED NEW DURACELL - SECTION 4: REMOTE CONTROL P/N: E-04.5 INSTALLED IN INSTRUMENT PANEL STA. +15.0 BL 0.0. INSTALLED NEW DURACELL - SECTION 5: AUDIO ALERT INDICATOR P/N: E-04.7 INSTALLED AT STA. +125.0 LBL 3.0. INSTALLED NEW CR2 INTERNAL - SECTION 5: AUDIO ALERT INDICATOR P/N: E-04.7 INSTALLED AT STA. +125.0 LBL 3.0. INSTALLED NEW CR2 INTERNAL - SECTION 6: GPS INTERFACE NOT UTILIZED. - SECTION 6: GPS INTERFACE NOT UTILIZED. - SECTION 7: FINAL INSTALLATION AND CHECKOUT PERFORMED. VERIFIED ANTENNA TRANSMISSION ON 121.5 ONLY. - SECTION 9: OPERATION AND SELT TEST COMPLETED USING REMOTE SWITCH. - SECTION 9: OPERATION AND SELT TEST COMPLETED USING REMOTE SWITCH. - SECTION 10: PERIODIC MAINTENANCE/CONTINUING AIRWORTHINESS; NEXT 90 DAY INSPECTION DUE N/L/T MARCH 30, 2021. - SECTION 11: E-04.0 LITHIUM BATTERY REPLACEMENT; NEXT BATTERY REPLACEMENT DUE N/L/T MARCH 30, 2021. - SECTION 11: E-04.0 LITHIUM BATTERY REPLACEMENT; NEXT BATTERY REPLACEMENT DUE N/L/T MARCH 30, 2021. - SECTION 11: E-04.0 LITHIUM BATTERY REPLACEMENT; NEXT BATTERY REPLACEMENT DUE N/L/T BATTE
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N5451R CESSNA 172F S/N: 17253005 TACH: 822.5 HOBBS: 803.3 DECEMBER 10, 2020	YEAR	RECORDING TACH	TODAY'S TOTAL FLIGHT TIME IN	Description of Inspections, Tests, Repairs and	Alterations Number of Technician or
CFR91.407 (b): THIS AIRCRAFT REQUIRES A RETURN-TO-SERVICE FLIGHT TO VERIFY PROPER OPERATION OF	DATE	TIME			Number of fedificials of
COMMUNICATION RADIOS, NAVIGATIONAL RADIOS AND DIRECTIONAL HEADING INDICATORS.		_			
FLIGHT PERFORMED BY: John Consul a SIME I VAN 2021 PILOT CERTIFICATION DATE					
PILOT CERTIFICATION DATE		100		and the second s	
			QAI AVIATION	PITTSBURGH AIR RADIO ALLEGHENY COUNTY AIRPORT	
			A CONTRACTOR OF THE PARTY OF TH	WEST MIFFLIN, PA 15122 412-469-8400	
N5451R CESSNA 172F S/N: 17253005 TACH: 822.5 HOBBS: 803.3 DECEMBER 16, 2020		<u> </u>	William William	F.A.A. PRIR838D	
REFERENCE LOGBOOK ENTRY DATED DECEMBER 8, 2020. SOME EQUIPMENT INSTALLED ON THE FOLLOWING FAA FORM 337'S HAS BEEN PERMANENTLY REMOVED:		(8)			
-DATED 6-13-88 -DATED 22 NOV 04 -DATED MARCH 16, 1983 -DATED SEPTEMBER 29, 1965 SEE FAA FORM 337 DATED DECEMBER 16, 2020 TO UPDATE PERMANENT HISTORICAL RECORDS. EQUIPMENT LIST AND MOST		3.		Date: 12/16/20	020
CURRENT WEIGHT & BALANCE FORM DATED 01-04-2006 REVISED, SEE SEPERATE WORKSHEET FOR DETAILS.			8.	N545	51R
OWNER INSTALLED STATIC TEST PORT ON INSTRUMENT PANEL INSTALLATION INCLUDES PRASS PARRED T FITTING AND ON	-	-	Performed tran	sponder tests required by FAR 91.413 IAW	
TUBING, COMPRESSION FITTING AND NUT, AND RUBBER CAP. INSTALLATION WAS LEAK TESTED AS PART OF CRR 91.411 & 91.413 CERTIFICATIONS.	-		Appendix	F of part 43.	
JOHN C. LESURE OWNER John C Jame Supervised and Certified BY John C. Lesure Owner John C. Lesure			Performed stati	ic system, altimeter, and the altitude reporting tes	sts
JOHN C. LESURE OWNER JOHN C MACHE JOHNNIE B. SMITH AP2147691631AT MILLE B. AMEL			required b	by FAR 91.411 IAW Appendix E of part 43. The	
	-			was tested to 20,000 ft.	
	_			462.19	
	-		(WO: 63838)	John Bitz	



YEA	RECORDING TODAY'S TOTAL	Description of Inspections. Test	s. Repairs and Alterations		RECORDING	TODAY'S	70741	Barrier Alexandrian Tests Barrier and Alexandrian
20_ DAT	2010a- 12			YEAR 20	TACH	FLIGHT	TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or
_	07/27/2022	MOD 1	N5451R	DATE	TIME		SERVICE	Repair Facility. (See back pages for other specific entries.)
		MBER 172 5305	Aircraft Logbook insert					
		MBER 33038-D-5-D	servation encountries to a control of the server and the server an	N5451R	CESSN.		S/N: 17	7253005 TACH: 861.3 HOBBS: 854.3 OCTOBER 05, 2021
	McCAULEY 1C172/EM7653			PERFORMED	MINOR REPA	IR ON R/H	PILOT SEAT	BY REPLACING SEAT BACK ADJUSTMENT BRACKET LAMINATED BRACKET DETAUS
_	AIRCRAFT TOTAL TIME: 4478.3	3 TACHOMETER: 882.9 H	OBBS: 880.7	INTENT OF A	6 43-18 ANL	WAS D	ETERMINED	0/11, 0.090", STRETCHED 6061 ALUMINUM, LOT # 471995A1 PART FABRICATION PER TO BE CAT. 3. INSTALLED BRACKET USING 10-32 AN525 STRUCTUAL SCREWS,
	ENGINE TOTAL TIME: 4478.3	SINCE MAJOR OVERHAUL: 24	49.0	WASHERS, AM OF CESSNA S	D SELF-LOC	KING NU	TS IN LEIU C	OF SOLID ALUMINUM RIVETS. REASSEMBLED AND REINSTALLED SEAT PER INTENT
_			CE WITH AN ANNUAL INSPECTION AND Aircraft is approved for returned to	WOR	K PERFORMI C. LESURE (ED BY:		SUPERVISED AND CERTIFIED BY: JOHNNIE B. SMITH AP214769163
	Performed EAR 91 207 d Unit is	is airworthy at this time. Next C	ompliance due 07/2023. ELT Batteries.					
			Aircraft operational checks within					
_	manufacturers' parameters.	mel						
-	KURT PAUL KORINKO 377248	84IA *See AD	compliance listing for current status.					
_		-nothing follows						

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		N5451R
AT CESSNA 172F	SERIAL NUMBER 172-53005	Aircraft Logbook insert
TCM 0-300-D	SERIAL NUMBER 33038-D-5-D	
McCauley 1C172/EM7653	SERIAL NUMBER S1016	
AIRCRAFT TOTAL TIME: 4492.2	TACHOMETER: 896.8	
ENGINE TOTAL TIME: 4492.2	SINCE MAJOR OVERHAUL: 262.9	HOBBS: 898.7
	EEN INSPECTED IN ACCORDANCE W N AIRWORTHY CONDITION. Aircr	AND THE STATE OF T
	K6plys. Installed 2 new Aeroclassic 6	
	d, and replaced brake caliper o-ring	
	erformed FAR 91.207 d. Unit is airw	. V .
	atteries. Due AUG/2025. Replaced i	nduction air filter Bracket BA-6108
AUCUST Operational chocks with	nin manufacturers' parameters.	
- The specialional checks with	12 1/1	

Entries must be endorsed with Name, Rating and Certificate Number of Technician or 20 N5451R CESSNA 172F SERIAL NUMBER 172-53005 Aircraft Logbook insert TCM 0-300-D SERIAL NUMBER 33038-D-5-D McCauley 1C172/EM7653 SERIAL NUMBER S1016 AIRCRAFT TOTAL TIME: 4497.1 TACHOMETER: 901.7 **ENGINE TOTAL TIME: 4497.1** SINCE MAJOR OVERHAUL: 267.8 HOBBS: 905.2 I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. Aircraft is approved for returned to

Description of Inspections, Tests, Repairs and Alterations

Performed FAR 91.207 d. Unit is airworthy at this time. Next Compliance due 09/2025. ELT Batteries: Due AUG/2025. Replaced induction air filter Bracket BA-6108. Aircraft operational checks within manufacturers' parameters.

KURT PAUL KORINKO *See AD compliance listing for current status.

TODAY'S TOTAL

TIME IN

FLIGHT

RECORDING

TACH

Service.

9/25/2024

YEAR 2014 DATE		TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)	YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/20/2	4		Replaced Battery w/ Concorde Scales Bettery RG-25th SN: 70045931 Matthew Lesure Owner 4039711				(A)	
			Matthew Lesure Owner 4639711					